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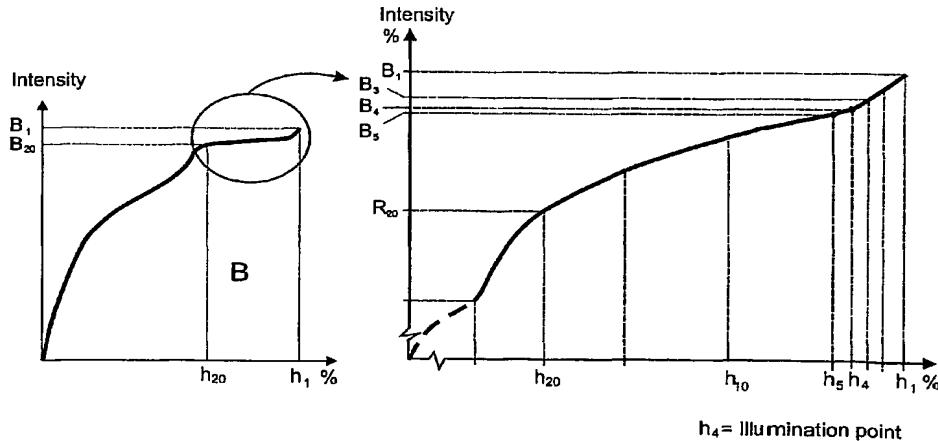
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(54) Title: METHOD AND SYSTEM IN A DIGITAL IMAGE PROCESSING CHAIN FOR ADJUSTING A COLOUR BALANCE, CORRESPONDING EQUIPMENT, AND SOFTWARE MEANS FOR IMPLEMENTING THE METHOD



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$h_4$  = illumination point

(57) Abstract: The invention relates to a method in a digital image processing chain (10) for adjusting a colour balance. In the method, the subject is imaged as colour components (R, G, B), from which cumulative histograms are formed. From these colour curves, the illumination colour (R<sub>ill</sub>, G<sub>ill</sub>, B<sub>ill</sub>) is defined in a selected manner, which is taken into account when defining the gain factor (G<sub>R</sub>, G<sub>G</sub>, G<sub>B</sub>) adjusting the colour balance. In the method, before the illumination colour is defined, at least such pixel values (G<sub>S</sub>) as meet a selected criterion are filtered out. After this, cumulative histograms are formed, and, using a selected criterion, a point h<sub>i</sub> is defined from the flat area of the colour curve at the end of them and is set for the colour components (R, G, B) as a common defined point h<sub>i</sub> corresponding to the colour-componentwise intensity value C<sub>i</sub> to correspond to the illumination colour (R<sub>ill</sub>, G<sub>ill</sub>, B<sub>ill</sub>).



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